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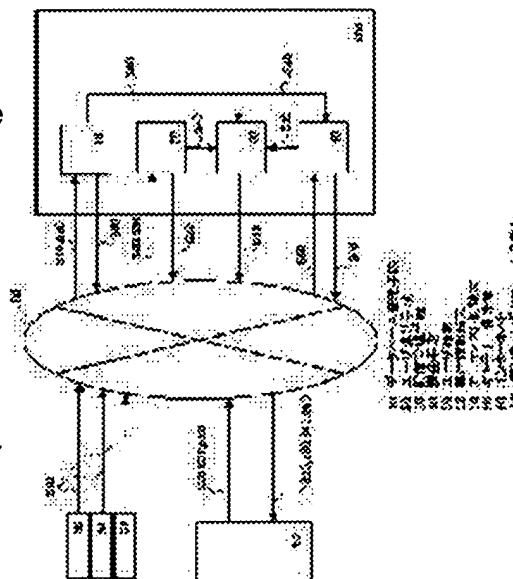
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(54) ONLINE GALLERY SYSTEM AND ONLINE GALLERY DISTRIBUTION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an online gallery system and an online gallery distribution method, with which a user can acquire the data of arts at any time in 24 hours.

SOLUTION: This system has a database managing means for making the data of arts belonging to the side of an art museum or artist into database and registering them on an online gallery site constructed in the online gallery system, a distribution managing means for distributing the data of arts desired to download to a user terminal when a registered user can be confirmed on the basis of download-desired art information received from a user terminal and the identification information of the user, and a charging means for transmitting charge demand information corresponding to the data class or data amount of arts desired to download distributed to the user terminal to the user terminal.



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CLAIMS

[Claim(s)]

[Claim 1] The user terminal which was connected to the Internet and prepared in the user side as a client, The end of an artist side edge it was prepared in the artist side as a client in the end of an art gallery side edge it was prepared in the art gallery side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management means for putting in a database and registering with an online gallery site, The user-identification means which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management tool which distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management tool distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet The online gallery system characterized by having an accounting means to transmit the billing information according to the data classification and the amount of data of an art of download hope which were distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet.

[Claim 2] In case a user side transmits the art information wishing download that the data of an art to download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management means The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download The online gallery system according to claim 1 characterized by having the preview function shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions.

[Claim 3] Said database management means is an online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art, as said preview function.

[Claim 4] Said database management means is an online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art, as said preview function.

[Claim 5] Said database management means is an online gallery system according to claim 2 by which only several [1/] of the access times of the download time amount of the data of an art are characterized by having the function to perform presentation by the side of a user as said preview function.

[Claim 6] For said database management means, only the case perused as said preview function, without downloading is an online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in no charge.

[Claim 7] For access to a predetermined time, said database management means is an online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in no charge.

[Claim 8] For a fixed period, said database management means is an online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in no charge as said preview function.

[Claim 9] Said database management means puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses. Next, after a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet Said self identification information is acquired from said user-identification means with the electronic mail gestalt through the Internet. Next, while determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management means The art information wishing download that the data of an art to download were specified, and said self identification information are transmitted with the electronic mail gestalt which minded [said / user-identification] the Internet. Said user-identification means next, based on said identification information of the art information wishing download and the user who received with the electronic mail gestalt which minded the Internet from said user terminal When download was attested and it is able to check simultaneously that the user side who has transmitted said identification information with the electronic mail gestalt said distribution management tool minded the Internet is a registered user, Distribution to said user terminal in the electronic data gestalt which received the data of the art of download hope from said database management means, and minded the Internet is prepared. It transmits to said user terminal with the electronic mail gestalt which minded the Internet for said billing information according to the data classification and the amount of data of an art of download hope which said accounting means distributed to said user terminal simultaneously. Next, when a user side receives said billing information which said accounting means distributed to said user terminal and is able to recognize the content of said billing information The settlement-of-accounts information corresponding to the amount billed indicated by said billing information is transmitted to said accounting means with the electronic mail gestalt through the Internet. According to this, said accounting means gives the purport to which download is permitted to said distribution management tool. Next, an online gallery system given in claim 1 characterized by a user side downloading the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management tool thru/or any 1 term of 8.

[Claim 10] The user terminal prepared in the user side as a client, the end of an art gallery side edge it was prepared in the art gallery side as a client, The end of an artist side edge it was prepared in the artist side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management process for putting in a database and registering with an online gallery site, The user-identification process which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management process which distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management process distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet The online gallery distribution approach characterized by having the accounting process which transmits the billing information according to the data classification and the amount of data of an art of download hope which were distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet.

[Claim 11] In case a user side transmits the art information wishing download that the data of an art to

download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management process The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download The online gallery distribution approach according to claim 10 characterized by having the preview process shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions.

[Claim 12] Said database management process is the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art as said preview process.

[Claim 13] Said database management process is the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art as said preview process.

[Claim 14] Said database management process is the online gallery distribution approach according to claim 11 that only several [1/] of the access times of the download time amount of the data of an art are characterized by having the process which performs presentation by the side of a user as said preview process.

[Claim 15] For said database management process, only the case perused as said preview process, without downloading is the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in no charge.

[Claim 16] For access to a predetermined time, said database management process is the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in no charge.

[Claim 17] For a fixed period, said database management process is the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in no charge as said preview process.

[Claim 18] The process to which said database management process puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses, After a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet The process which acquires said self identification information from said user-identification process with the electronic mail gestalt through the Internet, While determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management process The process which transmits the art information wishing download that the data of an art to download were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, The process which performs authentication of download based on the art information wishing download received with the electronic mail gestalt said user-identification process minded the Internet from said user terminal, and said identification information of a user, When it is able to check that the user side who has transmitted said identification information with the electronic mail gestalt said distribution management process minded the Internet is a registered user, The process for which distribution to said user terminal in the electronic data gestalt which received the data of the art of download hope from said database management process, and minded the Internet is prepared, The process transmitted to said user terminal with the electronic mail gestalt which minded the Internet for said billing information according to the data classification and the amount of data of an art of download hope which said accounting process distributed to said user terminal, When a user side receives said billing information which said accounting process distributed to said user terminal and is able to recognize the content of said billing information The process which transmits the settlement-of-accounts information corresponding to the amount billed indicated by said billing information to said accounting process with the electronic mail gestalt through the Internet, The process to which said accounting process gives the purport to which download is permitted to said distribution management process

according to this, The online gallery distribution approach given in claim 10 characterized by having the process at which a user side downloads the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management process thru/or any 1 term of 17.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] The on-line business technique which used the Internet technique is started, especially a user can obtain the data of an art at any time for 24 hours, the data of a favorite art are displayed on a familiar display, it can utilize for appreciation, an interior, etc., and this invention relates to the online gallery system and the online gallery distribution approach the field and the Internet private exhibition of PR for an art gallery or an artist are realizable.

[0002]

[Description of the Prior Art] Conventionally, when it was going to see pictures, a photograph, CG, etc., users, such as an individual, and a store, office, went to the direct hall, or accessed HP (homepage) of each art gallery or an artist through the Internet, and were perusing and appreciating the data (contents data, HTML format) of a favorite art out of registration information (pictures, a photograph, CG, etc.).

[0003]

[Problem(s) to be Solved by the Invention] However, when a user was going to access HP (homepage) of each art gallery or an artist through the Internet and peruse and appreciate the data (contents data, HTML format) of a favorite art out of registration information (pictures, a photograph, CG, etc.), there was a trouble that HP (homepage) established for every art gallery or artist through the Internet had to be accessed in the above-mentioned conventional technique. Furthermore, there is no unity also about the content and written gestalt of HP (homepage) which are established for every art gallery or artist, and the trouble of being bad also had user-friendliness for the user side.

[0004] this invention be make in view of this trouble , a user receive the data of an art always for 24 hours , display the data of a favorite art on a familiar display , and utilize for appreciation , an interior , etc. , and the place make into the object be in the point of offer the online gallery system for realize the field and the Internet private exhibition of the PR for an art gallery or an artist , and the online gallery distribution approach .

[0005]

[Means for Solving the Problem] The summary of invention of this invention according to claim 1 is connected to the Internet. The user terminal prepared in the user side as a client, the end of an art gallery side edge it was prepared in the art gallery side as a client, The end of an artist side edge it was prepared in the artist side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management means for putting in a database and registering with an online gallery site, The user-identification means which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management tool which distributes the data of the art of download hope

to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management tool distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet It consists in the online gallery system characterized by having an accounting means to transmit the billing information according to the data classification and the amount of data of an art of download hope which were distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet. Moreover, the summary of invention of this invention according to claim 2 In case a user side transmits the art information wishing download that the data of an art to download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management means The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download It consists in the online gallery system according to claim 1 characterized by having the preview function shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions. Moreover, the summary of invention of this invention according to claim 3 consists in the online gallery system according to claim 2 characterized by said database management means having the function to perform presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art, as said preview function. Moreover, the summary of invention of this invention according to claim 4 consists in the online gallery system according to claim 2 characterized by said database management means having the function to perform presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art, as said preview function. Moreover, the summary of invention of this invention according to claim 5 consists in the online gallery system according to claim 2 characterized by said database management means having the function in which only several [1/] of the access times of the download time amount of the data of an art perform presentation by the side of a user, as said preview function. Moreover, it consists in the online gallery system according to claim 2 characterized by only the case perused without downloading said database management means as said preview function having the function to perform presentation by the side of the user in no charge as for the summary of invention of this invention according to claim 6. Moreover, the summary of invention of this invention according to claim 7 consists in the online gallery system according to claim 2 characterized by said database management means having the function in which access to a predetermined time performs presentation by the side of the user in no charge. Moreover, in the summary of invention of this invention according to claim 8, said database management means consists in the online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in no charge [period / fixed] as said preview function. Moreover, the summary of invention of this invention according to claim 9 Said database management means puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses. Next, after a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet Said self identification information is acquired from said user-identification means with the electronic mail gestalt through the Internet. Next, while determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management means The art information wishing download that the data of an art to download were specified, and said self identification information are transmitted with the electronic mail gestalt which minded [said / user-identification] the Internet. Said user-identification means next, based on said identification information of the art information wishing download and the user who received with the electronic mail gestalt which minded the Internet from said user terminal When download was attested and it is able to check simultaneously that the user side who has transmitted said identification information with the electronic mail gestalt said distribution management tool minded the Internet is a registered user, Distribution to said user terminal in the electronic data gestalt which received the data of the art of download hope from said database management means, and minded the Internet is prepared. Simultaneously, said accounting means responded to the data classification and the amount of data of an

art of download hope which were distributed to said user terminal. Said billing information is transmitted to said user terminal with the electronic mail gestalt through the Internet. Next, when a user side receives said billing information which said accounting means distributed to said user terminal and is able to recognize the content of said billing information The settlement-of-accounts information corresponding to the amount billed indicated by said billing information is transmitted to said accounting means with the electronic mail gestalt through the Internet. According to this, said accounting means gives the purport to which download is permitted to said distribution management tool. Next, a user side consists in an online gallery system given in claim 1 characterized by downloading the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management tool thru/or any 1 term of 8. Moreover, the summary of invention of this invention according to claim 10 The user terminal prepared in the user side as a client, the end of an art gallery side edge it was prepared in the art gallery side as a client, The end of an artist side edge it was prepared in the artist side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management process for putting in a database and registering with an online gallery site, The user-identification process which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management process which distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management process distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet It consists in the online gallery distribution approach characterized by having the accounting process which transmits the billing information according to the data classification and the amount of data of an art of download hope which were distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet. Moreover, the summary of invention of this invention according to claim 11 In case a user side transmits the art information wishing download that the data of an art to download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management process The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download It consists in the online gallery distribution approach according to claim 10 characterized by having the preview process shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions. Moreover, the summary of invention of this invention according to claim 12 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process which performs presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art as said preview process. Moreover, the summary of invention of this invention according to claim 13 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process which performs presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art as said preview process. Moreover, the summary of invention of this invention according to claim 14 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process to which only several [1/] of the access times of the download time amount of the data of an art carry out presentation by the side of a user as said preview process. Moreover, it consists in the online gallery distribution approach according to claim 11 characterized by only the case perused without downloading said database management process as said preview process having the process which performs presentation by the side of the user in no charge as for the summary of invention of this invention according to claim 15. Moreover, the summary of invention of this invention according to claim 16 consists in the online

gallery distribution approach according to claim 11 characterized by said database management process having the process to which access to a predetermined time carries out presentation by the side of the user in no charge. Moreover, in the summary of invention of this invention according to claim 17, said database management process consists in the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in no charge [period / fixed] as said preview process. Moreover, the summary of invention of this invention according to claim 18 The process to which said database management process puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses, After a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet The process which acquires said self identification information from said user-identification process with the electronic mail gestalt through the Internet, While determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management process The process which transmits the art information wishing download that the data of an art to download were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, The process which performs authentication of download based on the art information wishing download received with the electronic mail gestalt said user-identification process minded the Internet from said user terminal, and said identification information of a user, When said distribution management process is able to check that the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is a registered user, it is A of download hope. The process for which distribution to said user terminal in the electronic data gestalt which received the data of - TO from said database management process, and minded the Internet is prepared, The process transmitted to said user terminal with the electronic mail gestalt which minded the Internet for said billing information according to the data classification and the amount of data of an art of download hope which said accounting process distributed to said user terminal, When a user side receives said billing information which said accounting process distributed to said user terminal and is able to recognize the content of said billing information The process which transmits the settlement-of-accounts information corresponding to the amount billed indicated by said billing information to said accounting process with the electronic mail gestalt through the Internet, The process to which said accounting process gives the purport to which download is permitted to said distribution management process according to this, A user side It consists in the online gallery distribution approach given in claim 10 characterized by having the process which downloads the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management process thru/or any 1 term of 17.

[0006]

[Embodiment of the Invention] Users, such as an individual, and a store, office, the 1st description of this invention for 24 hours always the data (contents data --) of the art of the liking out of the registration information on an online gallery site (pictures, a photograph, CG, etc.) A HTML format can be downloaded, and the data (contents data, HTML format) of the art of the downloaded liking concerned are displayed on familiar displays (for example, plasma display etc.), and it is in a point utilizable as appreciation or an interior.

[0007] Moreover, the 2nd description is that it carries out possible [of the expansion as on-line shopping of the data (contents data, HTML format) of the above-mentioned art]. Hereafter, the gestalt of operation of this invention is explained to a detail based on a drawing.

[0008] Drawing 1 is the functional block diagram and the flow of operation for explaining the gestalt of 1 operation of this invention. drawing 1 -- setting -- 10 -- a database management means and 20 -- a user-identification means and 30 -- a distribution management tool and 40 -- an accounting means and 50 -- in 56, 60 shows the Internet and, as for a user terminal (client) and 52, 100 shows [54] the online gallery system (server) of the gestalt of this operation in the end (client) of a gallery side edge in the end (client) of an artist side edge in the end (client) of an art gallery side edge.

[0009] If drawing 1 is referred to, the Internet 60 is realized as an online gallery site on an accessible

server, and the online gallery system 100 of the gestalt of this operation is constituted focusing on the database management means 10, the user-identification means 20, the distribution management tool 30, and the accounting means 40.

[0010] Each of the database management means 10, the user-identification means 20, the distribution management tool 30, and the accounting means 40 is realized as a part of program code which described the online gallery site.

[0011] The server by which the online gallery system 100 is built is accessible through the Internet 60 in 54 (client) and the end of a gallery side edge in 52 (client) and the end of an artist side edge in a user terminal 50 (client) and the end of an art gallery side edge to 56 (client).

[0012] Next, actuation (the online gallery distribution approach) of the online gallery system 100 is explained. In addition, step S10 thru/or step S60 shown below is realized as a part of program code which described the above-mentioned online gallery site.

[0013] If drawing 1 is referred to, by the online gallery system 100 (server) side, the database management means 10 will put in a database and register first the data (contents data, HTML format) of the art which an art gallery, an artist, etc. possess into the online gallery site currently built by the online gallery system 100 (server) (step S10). Here, the data of the art which an art gallery, an artist, etc. possess mean music data and the image data of a work of art.

[0014] An art gallery side operates 52 (client) and, specifically, registers it in the end of an art gallery side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60. Similarly, an artist side operates 54 (client) and registers it in the end of an artist side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60. Similarly, a gallery side operates 56 (client) and registers it in the end of a gallery side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60.

[0015] Next, users, such as an individual, and a store, office, acquire self identification information from the user-identification means 20 with the electronic mail gestalt through the Internet 60, after performing registration (member registration) of a member (user who can charge the online gallery system 100 (server) if it puts in another way) with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) (step S20).

[0016] next, the data (contents data --) of the art which a user operates a user terminal 50 (client) and is registered into the database management means 10 by the side of the online gallery system 100 (server) the data (contents data --) of the art which wants to determine and download the data of an art to download from a HTML format The art information wishing download that the HTML format was specified, and self identification information are transmitted with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) (step S30).

[0017] the data (contents data --) of the art which a user wants to download with the electronic mail gestalt through the Internet 60 in the gestalt of this operation In case the art information wishing download that the HTML format was specified, and self identification information are transmitted with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) the data (contents data --) of the art which has interest lengthened so that it may be easy to judge whether a user downloads or not beforehand in advance of download The preview function to show a user a HTML format on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions is prepared (step S30).

[0018] Specifically, the user is shown on one half of the access times of one half of the resolution of one half of the amounts of data of the full amount of data of the data (contents data, HTML format) of an art, and the full resolution of the data (contents data, HTML format) of an art, and the download time amount of the data (contents data, HTML format) of an art, or these combination conditions. In addition, only in the case perused, without downloading (browsing), without limiting especially this preview

function to this, access to no charge and 10 times can add no charge, and a fixed period (for example, campaign period) can add the preview function in various kinds of free conditions, such as no charge. [0019] Next, in the online gallery system 100 (server) side, the user-identification means 20 attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet 60 from the user terminal 50 (client), and a user's identification information. When the user who has transmitted identification information with the electronic mail gestalt through the Internet 60 simultaneously is able to check that he is a registered user (specifically user who can be charged), distribution to the user terminal 50 (client) in the electronic data gestalt the distribution management tool 30 minded reception and the Internet 60 for the data (contents data, HTML format) of the art of download hope from the database management means 10 is prepared. It transmits to the user terminal 50 (client) concerned with the electronic mail gestalt which minded the Internet 60 for the billing information according to the classification and the amount of data of data (contents data, HTML format) of download hope which the accounting means 40 distributed to the user terminal 50 (client) concerned simultaneously (step S40). [of an art]

[0020] When it could come, simultaneously a user operates a user terminal 50 (client), the online gallery system 100 (server) is accessed through the Internet 60 and the billing frame from the accounting means 40 is able to be recognized, the settlement-of-accounts information corresponding to the amount billed indicated by the billing information concerned is transmitted to the accounting means 40 with the electronic mail gestalt through the Internet 60. According to this, the accounting means 40 gives the purport to which download is permitted to the distribution management tool 30 (step S50).

[0021] Next, a user downloads the data (contents data, HTML format) of the art which self wished with the electronic data gestalt which minded [50 (client)] the Internet 60 from the online gallery system 100 (server) (distribution management tool 30) (step S60).

[0022] Thereby, with the electronic data gestalt through the Internet 60, from the online gallery system 100 (server) (distribution management tool 30), a user displays the data (contents data, HTML format) of a carrier beam art on a familiar display (un-illustrating), and can appreciate distribution now.

[0023] As explained above, according to the gestalt of this operation, the effectiveness hung up over below is done so. The 1st effectiveness is a user's being able to obtain the data (contents data, HTML format) of an art at any time for 24 hours, displaying the data (contents data, HTML format) of a favorite art on a familiar display (un-illustrating), and being able to utilize for appreciation, an interior, etc. first.

[0024] Moreover, the 2nd effectiveness is that the field of PR for an art gallery or an artist is securable.

[0025] And the 3rd effectiveness is that the Internet private exhibition for an art gallery or an artist is realizable.

[0026] In addition, it is clear that this invention is not limited to the gestalt of the above-mentioned implementation, but the gestalt of operation may be suitably changed within the limits of the technical thought of this invention.

[0027]

[Effect of the Invention] Since this invention is constituted as mentioned above, the effectiveness hung up over below is done so. The 1st effectiveness is a user's being able to obtain the data (contents data, HTML format) of an art at any time for 24 hours, displaying the data (contents data, HTML format) of a favorite art on a familiar display (un-illustrating), and being able to utilize for appreciation, an interior, etc. first. Moreover, the 2nd effectiveness is that the field of PR for an art gallery or an artist is securable. And the 3rd effectiveness is that the Internet private exhibition for an art gallery or an artist is realizable.

[Translation done.]

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TECHNICAL FIELD

[Field of the Invention] The on-line business technique which used the Internet technique is started, especially a user can obtain the data of an art at any time for 24 hours, the data of a favorite art are displayed on a familiar display, it can utilize for appreciation, an interior, etc., and this invention relates to the online gallery system and the online gallery distribution approach the field and the Internet private exhibition of PR for an art gallery or an artist are realizable.

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PRIOR ART

[Description of the Prior Art] Conventionally, when it was going to see pictures, a photograph, CG, etc., users, such as an individual, and a store, office, went to the direct hall, or accessed HP (homepage) of each art gallery or an artist through the Internet, and were perusing and appreciating the data (contents data, HTML format) of a favorite art out of registration information (pictures, a photograph, CG, etc.).

[Translation done.]

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EFFECT OF THE INVENTION

[Effect of the Invention] Since this invention is constituted as mentioned above, the effectiveness hung up over below is done so. The 1st effectiveness is a user's being able to obtain the data (contents data, HTML format) of an art at any time for 24 hours, displaying the data (contents data, HTML format) of a favorite art on a familiar display (un-illustrating), and being able to utilize for appreciation, an interior, etc. first. Moreover, the 2nd effectiveness is that the field of PR for an art gallery or an artist is securable. And the 3rd effectiveness is that the Internet private exhibition for an art gallery or an artist is realizable.

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention] However, when a user was going to access HP (homepage) of each art gallery or an artist through the Internet and peruse and appreciate the data (contents data, HTML format) of a favorite art out of registration information (pictures, a photograph, CG, etc.), there was a trouble that HP (homepage) established for every art gallery or artist through the Internet had to be accessed in the above-mentioned conventional technique. Furthermore, there is no unity also about the content and written gestalt of HP (homepage) which are established for every art gallery or artist, and the trouble of being bad also had user-friendliness for the user side.

[0004] this invention be make in view of this trouble , a user receive the data of an art always for 24 hours , display the data of a favorite art on a familiar display , and utilize for appreciation , an interior , etc. , and the place make into the object be in the point of offer the online gallery system for realize the field and the Internet private exhibition of the PR for an art gallery or an artist , and the online gallery distribution approach .

[Translation done.]

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MEANS

[Means for Solving the Problem] The summary of invention of this invention according to claim 1 is connected to the Internet. The user terminal prepared in the user side as a client, the end of an art gallery side edge it was prepared in the art gallery side as a client, The end of an artist side edge it was prepared in the artist side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management means for putting in a database and registering with an online gallery site, The user-identification means which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management tool which distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management tool distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet It consists in the online gallery system characterized by having an accounting means to transmit the billing information according to the data classification and the amount of data of an art of download hope which were distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet. Moreover, the summary of invention of this invention according to claim 2 In case a user side transmits the art information wishing download that the data of an art to download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management means The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download It consists in the online gallery system according to claim 1 characterized by having the preview function shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions. Moreover, the summary of invention of this invention according to claim 3 consists in the online gallery system according to claim 2 characterized by said database management means having the function to perform presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art, as said preview function. Moreover, the summary of invention of this invention according to claim 4 consists in the online gallery system according to claim 2 characterized by said database management means having the function to perform presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art, as said preview function. Moreover, the summary of invention of this invention according to claim 5 consists in the online gallery system according to claim 2 characterized by said database management means having the function in which only several [1/] of the access times of the download time amount of the data of an art perform presentation by the side of a user, as said preview function. Moreover, it consists in the online gallery system according to claim 2 characterized by only the case perused without downloading said database management means as said

preview function having the function to perform presentation by the side of the user in no charge as for the summary of invention of this invention according to claim 6. Moreover, the summary of invention of this invention according to claim 7 consists in the online gallery system according to claim 2 characterized by said database management means having the function in which access to a predetermined time performs presentation by the side of the user in no charge. Moreover, in the summary of invention of this invention according to claim 8, said database management means consists in the online gallery system according to claim 2 characterized by having the function to perform presentation by the side of the user in no charge [period / fixed] as said preview function. Moreover, the summary of invention of this invention according to claim 9 Said database management means puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses. Next, after a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet Said self identification information is acquired from said user-identification means with the electronic mail gestalt through the Internet. Next, while determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management means The art information wishing download that the data of an art to download were specified, and said self identification information are transmitted with the electronic mail gestalt which minded [said / user-identification] the Internet. Said user-identification means next, based on said identification information of the art information wishing download and the user who received with the electronic mail gestalt which minded the Internet from said user terminal When download was attested and it is able to check simultaneously that the user side who has transmitted said identification information with the electronic mail gestalt said distribution management tool minded the Internet is a registered user, Distribution to said user terminal in the electronic data gestalt which received the data of the art of download hope from said database management means, and minded the Internet is prepared. Simultaneously, said accounting means responded to the data classification and the amount of data of an art of download hope which were distributed to said user terminal. Said billing information is transmitted to said user terminal with the electronic mail gestalt through the Internet. Next, when a user side receives said billing information which said accounting means distributed to said user terminal and is able to recognize the content of said billing information The settlement-of-accounts information corresponding to the amount billed indicated by said billing information is transmitted to said accounting means with the electronic mail gestalt through the Internet. According to this, said accounting means gives the purport to which download is permitted to said distribution management tool. Next, a user side consists in an online gallery system given in claim 1 characterized by downloading the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management tool thru/or any 1 term of 8. Moreover, the summary of invention of this invention according to claim 10 The user terminal prepared in the user side as a client, the end of an art gallery side edge it was prepared in the art gallery side as a client, The end of an artist side edge it was prepared in the artist side as a client, Are accessible in the end of the gallery side edge established in the gallery side as a client. The data of the art which an art gallery [which has been transmitted through the end of an end of artist side edge or gallery side edge] and artist side possesses in the end of an art gallery side edge The database management process for putting in a database and registering with an online gallery site, The user-identification process which attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet from said user terminal, and a user's identification information, When the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is able to be checked as he is a registered user, The distribution management process which distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet, In case said distribution management process distributes the data of the art of download hope to said user terminal with the electronic mail gestalt through the Internet It consists in the online gallery distribution approach characterized by having the accounting process which transmits the billing information according to the data classification and the amount of data of an art of download hope which were

distributed to said user terminal to said user terminal with the electronic mail gestalt through the Internet. Moreover, the summary of invention of this invention according to claim 11 In case a user side transmits the art information wishing download that the data of an art to download with the electronic mail gestalt through the Internet were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, said database management process The data of the art which has interest lengthened so that it may be easy to judge whether a user side downloads beforehand in advance of download It consists in the online gallery distribution approach according to claim 10 characterized by having the preview process shown to a user on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions. Moreover, the summary of invention of this invention according to claim 12 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process which performs presentation by the side of the user in several [1/] of the amounts of data of the full amount of data of the data of an art as said preview process. Moreover, the summary of invention of this invention according to claim 13 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process which performs presentation by the side of the user in several [1/] of the resolution of the full resolution of the data of an art as said preview process. Moreover, the summary of invention of this invention according to claim 14 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process to which only several [1/] of the access times of the download time amount of the data of an art carry out presentation by the side of a user as said preview process. Moreover, it consists in the online gallery distribution approach according to claim 11 characterized by only the case perused without downloading said database management process as said preview process having the process which performs presentation by the side of the user in no charge as for the summary of invention of this invention according to claim 15. Moreover, the summary of invention of this invention according to claim 16 consists in the online gallery distribution approach according to claim 11 characterized by said database management process having the process to which access to a predetermined time carries out presentation by the side of the user in no charge. Moreover, in the summary of invention of this invention according to claim 17, said database management process consists in the online gallery distribution approach according to claim 11 characterized by having the process which performs presentation by the side of the user in no charge [period / fixed] as said preview process. Moreover, the summary of invention of this invention according to claim 18 The process to which said database management process puts in a database and registers into an online gallery site the data of the art which an art gallery and artist side possesses, After a user side, such as an individual, and a store, office, performs member registration with the electronic mail gestalt which minded [said / user-identification] the Internet The process which acquires said self identification information from said user-identification process with the electronic mail gestalt through the Internet, While determining the data of an art to download from the data of an art with which a user side operates said user terminal, and is registered into said database management process The process which transmits the art information wishing download that the data of an art to download were specified, and said self identification information, with the electronic mail gestalt which minded [said / user-identification] the Internet, The process which performs authentication of download based on the art information wishing download received with the electronic mail gestalt said user-identification process minded the Internet from said user terminal, and said identification information of a user, When said distribution management process is able to check that the user side who has transmitted said identification information with the electronic mail gestalt through the Internet is a registered user, it is A of download hope. The process for which distribution to said user terminal in the electronic data gestalt which received the data of - TO from said database management process, and minded the Internet is prepared, The process transmitted to said user terminal with the electronic mail gestalt which minded the Internet for said billing information according to the data classification and the amount of data of an art of download hope which said accounting process distributed to said user terminal, When a user side receives said billing information which said accounting process distributed to said user terminal and is

able to recognize the content of said billing information The process which transmits the settlement-of-accounts information corresponding to the amount billed indicated by said billing information to said accounting process with the electronic mail gestalt through the Internet, The process to which said accounting process gives the purport to which download is permitted to said distribution management process according to this, A user side It consists in the online gallery distribution approach given in claim 10 characterized by having the process which downloads the data of the art which self wished with the electronic data gestalt which minded [said] the Internet from said distribution management process thru/or any 1 term of 17.

[0006]

[Embodiment of the Invention] Users, such as an individual, and a store, office, the 1st description of this invention for 24 hours always the data (contents data --) of the art of the liking out of the registration information on an online gallery site (pictures, a photograph, CG, etc.) A HTML format can be downloaded, and the data (contents data, HTML format) of the art of the downloaded liking concerned are displayed on familiar displays (for example, plasma display etc.), and it is in a point utilizable as appreciation or an interior.

[0007] Moreover, the 2nd description is that it carries out possible [of the expansion as on-line shopping of the data (contents data, HTML format) of the above-mentioned art]. Hereafter, the gestalt of operation of this invention is explained to a detail based on a drawing.

[0008] Drawing 1 is the functional block diagram and the flow of operation for explaining the gestalt of 1 operation of this invention. drawing 1 -- setting -- 10 -- a database management means and 20 -- a user-identification means and 30 -- a distribution management tool and 40 -- an accounting means and 50 -- in 56, 60 shows the Internet and, as for a user terminal (client) and 52, 100 shows [54] the online gallery system (server) of the gestalt of this operation in the end (client) of a gallery side edge in the end (client) of an artist side edge in the end (client) of an art gallery side edge.

[0009] If drawing 1 is referred to, the Internet 60 is realized as an online gallery site on an accessible server, and the online gallery system 100 of the gestalt of this operation is constituted focusing on the database management means 10, the user-identification means 20, the distribution management tool 30, and the accounting means 40.

[0010] Each of the database management means 10, the user-identification means 20, the distribution management tool 30, and the accounting means 40 is realized as a part of program code which described the online gallery site.

[0011] The server by which the online gallery system 100 is built is accessible through the Internet 60 in 54 (client) and the end of a gallery side edge in 52 (client) and the end of an artist side edge in a user terminal 50 (client) and the end of an art gallery side edge to 56 (client).

[0012] Next, actuation (the online gallery distribution approach) of the online gallery system 100 is explained. In addition, step S10 thru/or step S60 shown below is realized as a part of program code which described the above-mentioned online gallery site.

[0013] If drawing 1 is referred to, by the online gallery system 100 (server) side, the database management means 10 will put in a database and register first the data (contents data, HTML format) of the art which an art gallery, an artist, etc. possess into the online gallery site currently built by the online gallery system 100 (server) (step S10). Here, the data of the art which an art gallery, an artist, etc. possess mean music data and the image data of a work of art.

[0014] An art gallery side operates 52 (client) and, specifically, registers it in the end of an art gallery side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60. Similarly, an artist side operates 54 (client) and registers it in the end of an artist side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60. Similarly, a gallery side operates 56 (client) and registers it in the end of a gallery side edge with the electronic mail gestalt which minded [which is built by the online gallery system 100 (server) in the data (contents data, HTML format) of the art to possess / online gallery] the Internet 60.

[0015] Next, users, such as an individual, and a store, office, acquire self identification information from the user-identification means 20 with the electronic mail gestalt through the Internet 60, after performing registration (member registration) of a member (user who can charge the online gallery system 100 (server) if it puts in another way) with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) (step S20).

[0016] next, the data (contents data --) of the art which a user operates a user terminal 50 (client) and is registered into the database management means 10 by the side of the online gallery system 100 (server) the data (contents data --) of the art which wants to determine and download the data of an art to download from a HTML format The art information wishing download that the HTML format was specified, and self identification information are transmitted with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) (step S30).

[0017] the data (contents data --) of the art which a user wants to download with the electronic mail gestalt through the Internet 60 in the gestalt of this operation In case the art information wishing download that the HTML format was specified, and self identification information are transmitted with the electronic mail gestalt which minded [user-identification / 20] the Internet 60 by the side of the online gallery system 100 (server) the data (contents data --) of the art which has interest lengthened so that it may be easy to judge whether a user downloads or not beforehand in advance of download The preview function to show a user a HTML format on the predetermined amount of data, predetermined resolution, the predetermined access times, or these combination conditions is prepared (step S30).

[0018] Specifically, the user is shown on one half of the access times of one half of the resolution of one half of the amounts of data of the full amount of data of the data (contents data, HTML format) of an art, and the full resolution of the data (contents data, HTML format) of an art, and the download time amount of the data (contents data, HTML format) of an art, or these combination conditions. In addition, only in the case perused, without downloading (browsing), without limiting especially this preview function to this, access to no charge and 10 times can add no charge, and a fixed period (for example, campaign period) can add the preview function in various kinds of free conditions, such as no charge.

[0019] Next, in the online gallery system 100 (server) side, the user-identification means 20 attests download based on the art information wishing download received with the electronic mail gestalt which minded the Internet 60 from the user terminal 50 (client), and a user's identification information. When the user who has transmitted identification information with the electronic mail gestalt through the Internet 60 simultaneously is able to check that he is a registered user (specifically user who can be charged), distribution to the user terminal 50 (client) in the electronic data gestalt the distribution management tool 30 minded reception and the Internet 60 for the data (contents data, HTML format) of the art of download hope from the database management means 10 is prepared. It transmits to the user terminal 50 (client) concerned with the electronic mail gestalt which minded the Internet 60 for the billing information according to the classification and the amount of data of data (contents data, HTML format) of download hope which the accounting means 40 distributed to the user terminal 50 (client) concerned simultaneously (step S40). [of an art]

[0020] When it could come, simultaneously a user operates a user terminal 50 (client), the online gallery system 100 (server) is accessed through the Internet 60 and the billing frame from the accounting means 40 is able to be recognized, the settlement-of-accounts information corresponding to the amount billed indicated by the billing information concerned is transmitted to the accounting means 40 with the electronic mail gestalt through the Internet 60. According to this, the accounting means 40 gives the purport to which download is permitted to the distribution management tool 30 (step S50).

[0021] Next, a user downloads the data (contents data, HTML format) of the art which self wished with the electronic data gestalt which minded [50 (client)] the Internet 60 from the online gallery system 100 (server) (distribution management tool 30) (step S60).

[0022] Thereby, with the electronic data gestalt through the Internet 60, from the online gallery system 100 (server) (distribution management tool 30), a user displays the data (contents data, HTML format) of a carrier beam art on a familiar display (un-illustrating), and can appreciate distribution now.

[0023] As explained above, according to the gestalt of this operation, the effectiveness hung up over below is done so. The 1st effectiveness is a user's being able to obtain the data (contents data, HTML format) of an art at any time for 24 hours, displaying the data (contents data, HTML format) of a favorite art on a familiar display (un-illustrating), and being able to utilize for appreciation, an interior, etc. first.

[0024] Moreover, the 2nd effectiveness is that the field of PR for an art gallery or an artist is securable.

[0025] And the 3rd effectiveness is that the Internet private exhibition for an art gallery or an artist is realizable.

[0026] In addition, it is clear that this invention is not limited to the gestalt of the above-mentioned implementation, but the gestalt of operation may be suitably changed within the limits of the technical thought of this invention.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the functional block diagram and the flow of operation for explaining the gestalt of 1 operation of this invention.

[Description of Notations]

- 10 -- Database management means
- 20 -- User-identification means
- 30 -- Distribution management tool
- 40 -- Accounting means
- 50 -- User terminal
- 52 -- The end of an art gallery side edge
- 54 -- The end of an artist side edge
- 56 -- The end of a gallery side edge
- 60 -- Internet
- 100 -- Online gallery system

[Translation done.]

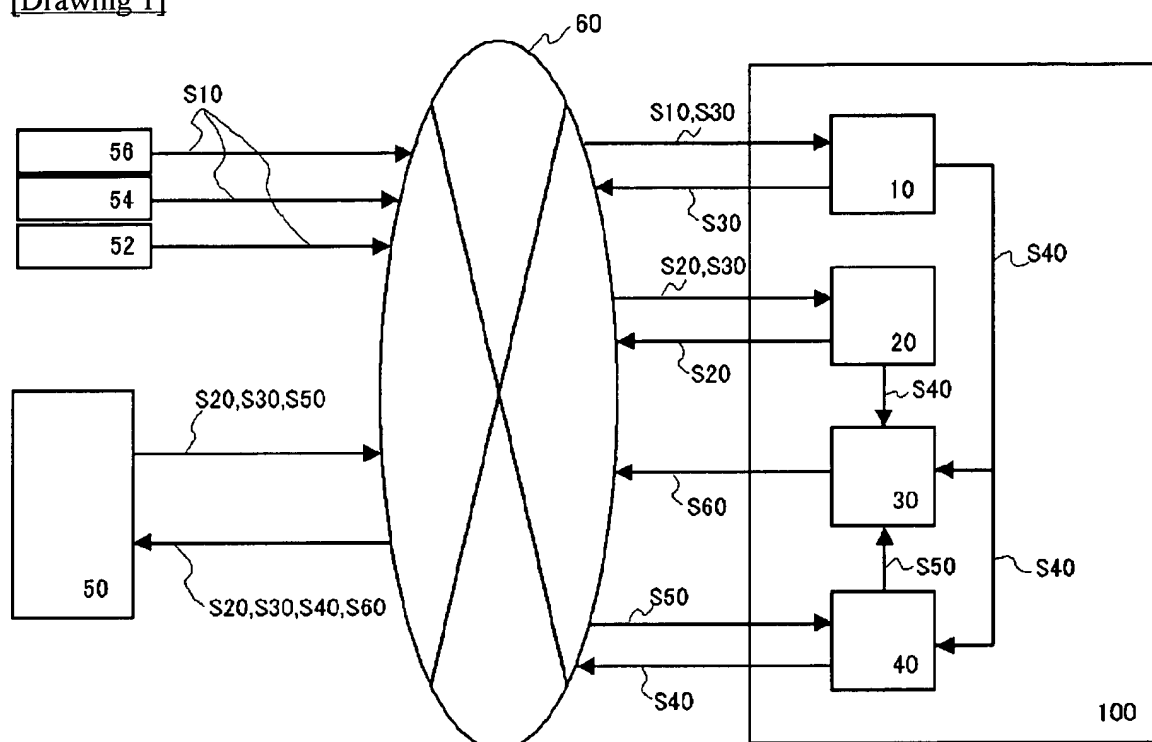
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DRAWINGS

[Drawing 1]



- 10 データベース管理手段
- 20 ユーザ識別手段
- 30 配信管理手段
- 40 課金手段
- 50 ユーザ端末
- 52 美術館側端末
- 54 アーティスト側端末
- 56 ギャラリー側端末
- 60 インターネット
- 100 オンラインギャラリーシステム

[Translation done.]